



FEMA



Prepared by
Jennifer McNatt

FEMA Region 6 Weather Threat Briefing

Saturday August 14, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Heavy rain/flash flooding possible in S NM & Far W TX today.**
- **The track of Fred has shifted west in the last few forecasts. Wind Speed probabilities show that points in SE LA have the potential for seeing tropical storm force winds, and, if they do, they would begin as early as late Sunday night.**
 - **This is highly dependent on the eventual track of Fred.**
- **Tropical Storm Grace is expected to approach the Leeward Islands today into tonight and the Virgin Islands and Puerto Rico Sunday.**
 - **Too early to pinpoint potential impacts to FEMA Region 6.**

FEMA Region 6 Threat Matrix

Aug 14, 2021 - Aug 18, 2021



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DAY / THREAT	Sat	Sun	Mon	Tue	Wed
Severe Storms					
Heavy Rain / Flash Flooding	S NM, Far W TX	S NM, TX, AR, LA	NM, W TX, W OK, SE LA		
	TX, AR, LA				
Fire Weather					
Tropical Winds / Surge		SE LA? (Late)	SE LA?		
Heat					
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



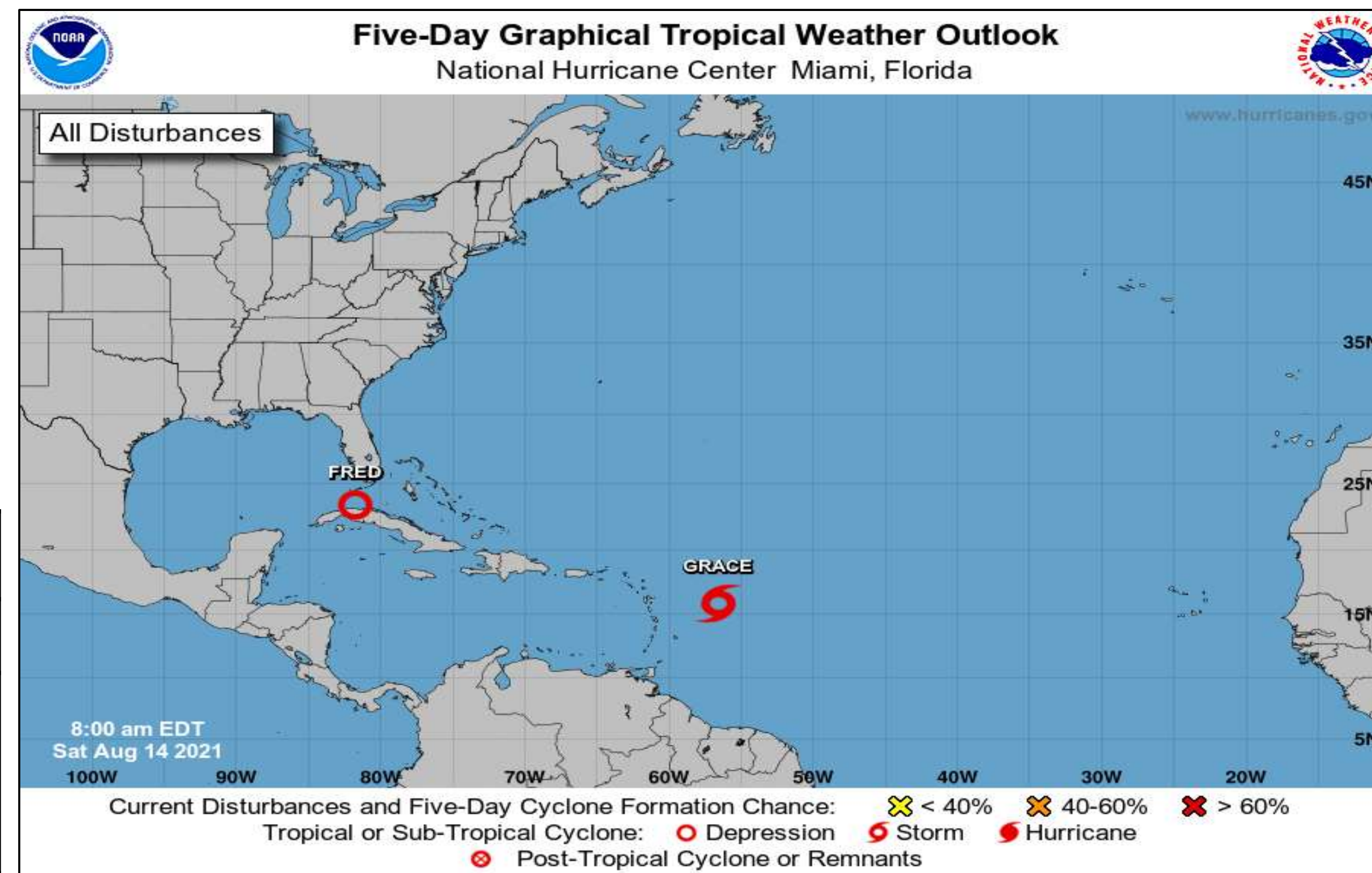
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Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
-	-	-

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Fred	No significant impacts to FEMA Region 6 are expected at this time, although there is a small chance of TS winds in SE LA.
Grace	None in the next 5 days. Too early to pinpoint long range potential impacts to FEMA 6.



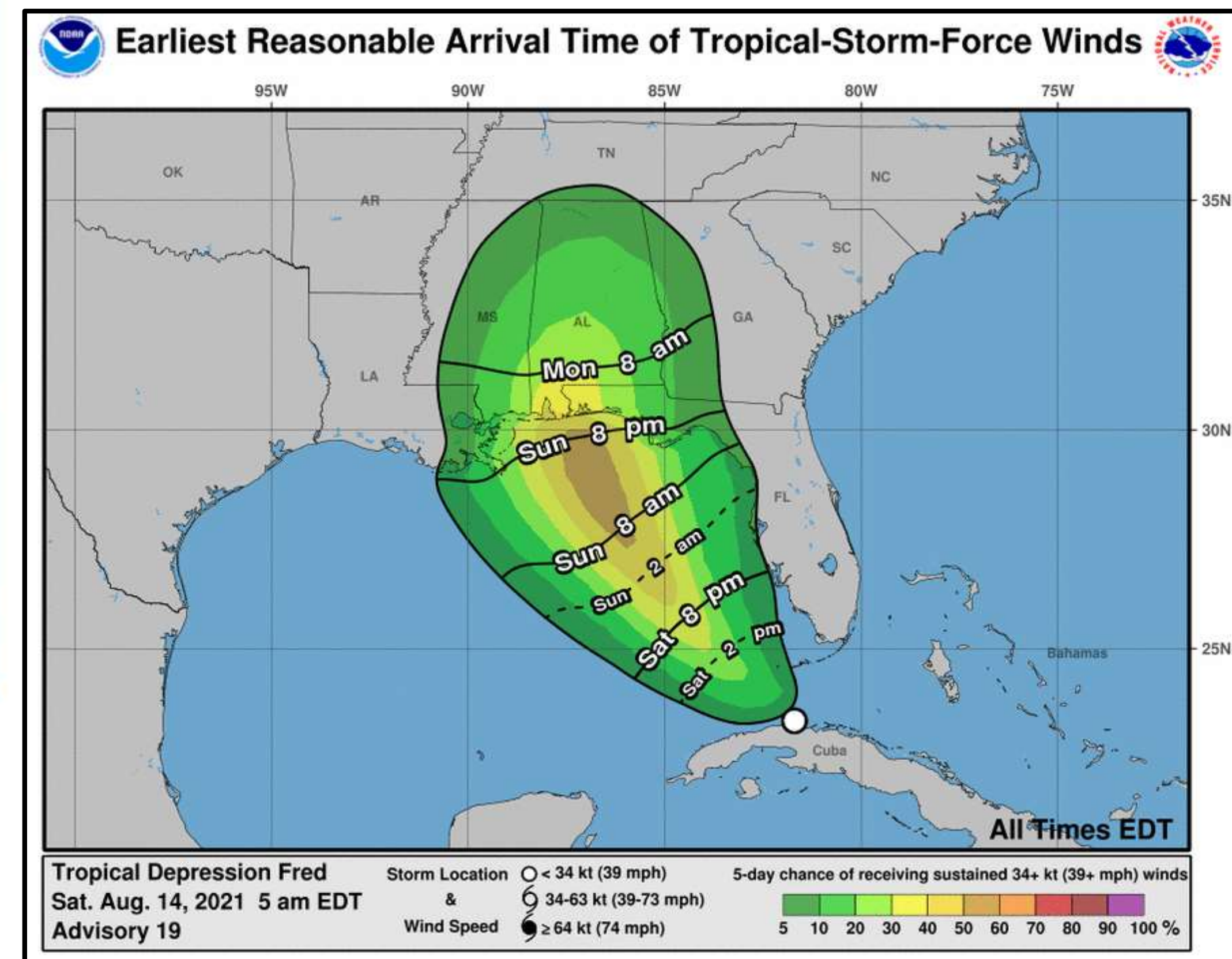
Tropical Depression Fred



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The track of Fred has shifted west in the last few forecasts. Wind Speed probabilities (below) show that points in SE LA have the potential for seeing tropical storm force winds, and, if they do, they would begin as early as late Sunday night.



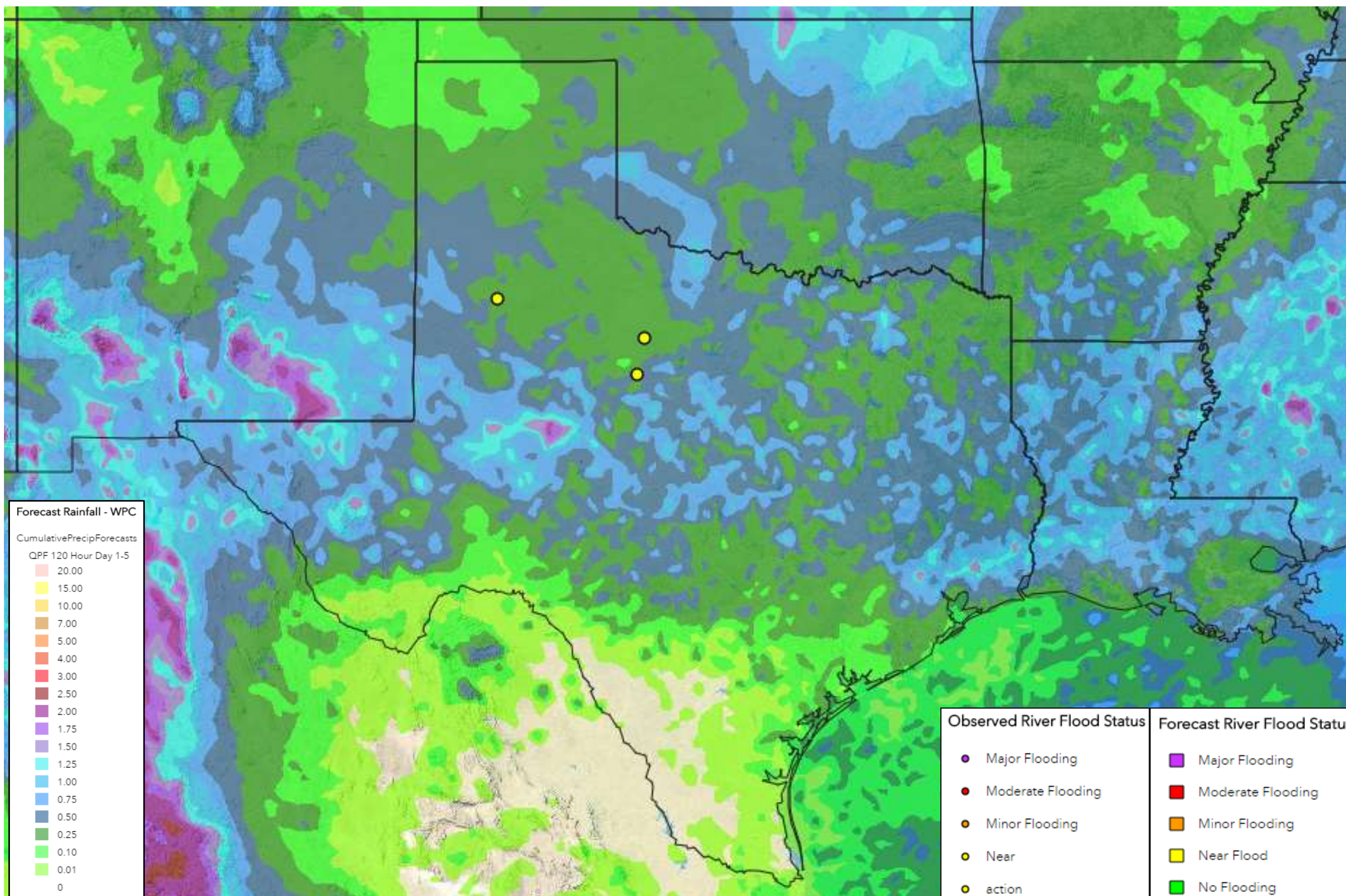
5-Day Precipitation Forecast & River Flood Status



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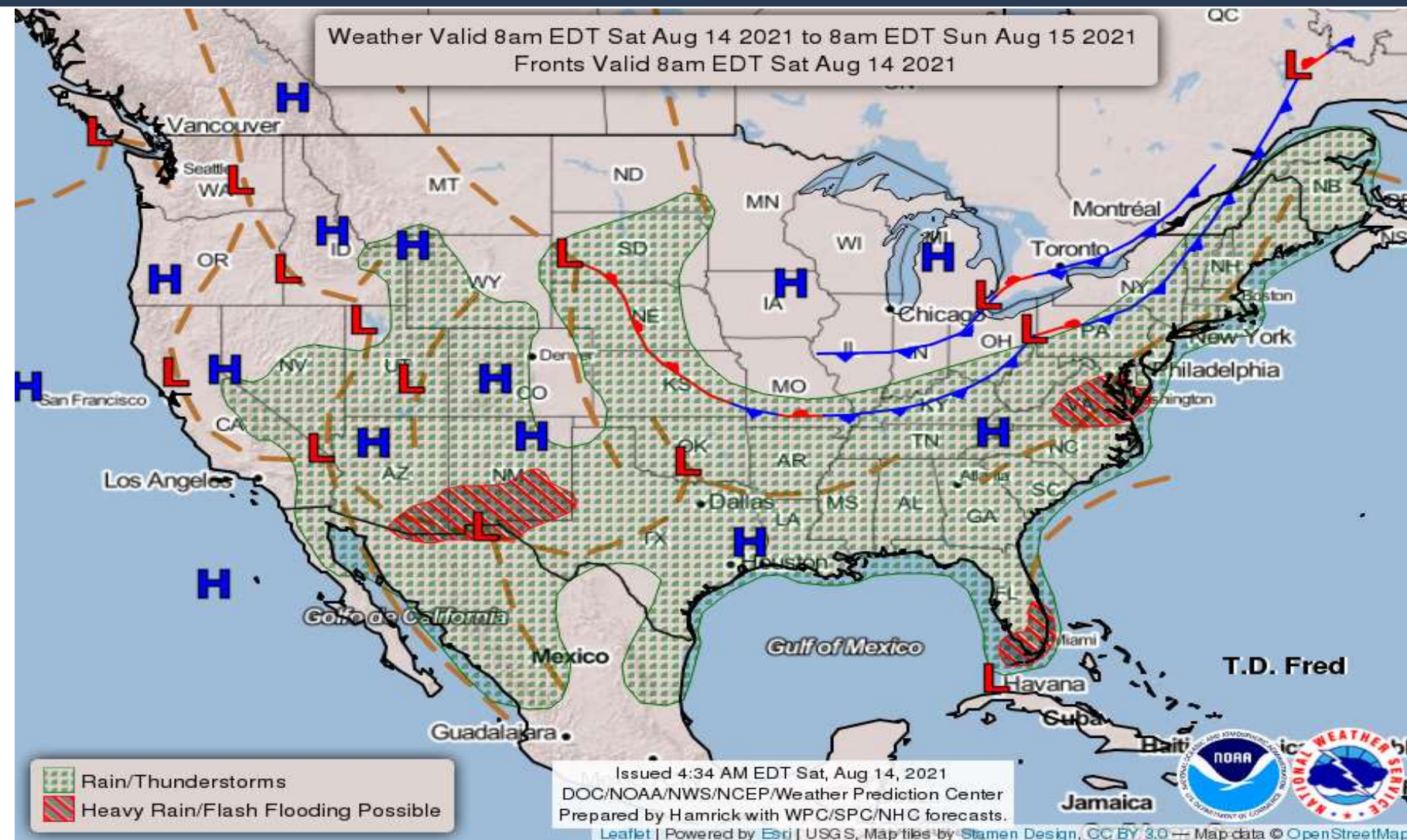
Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

No river flooding is occurring or expected.

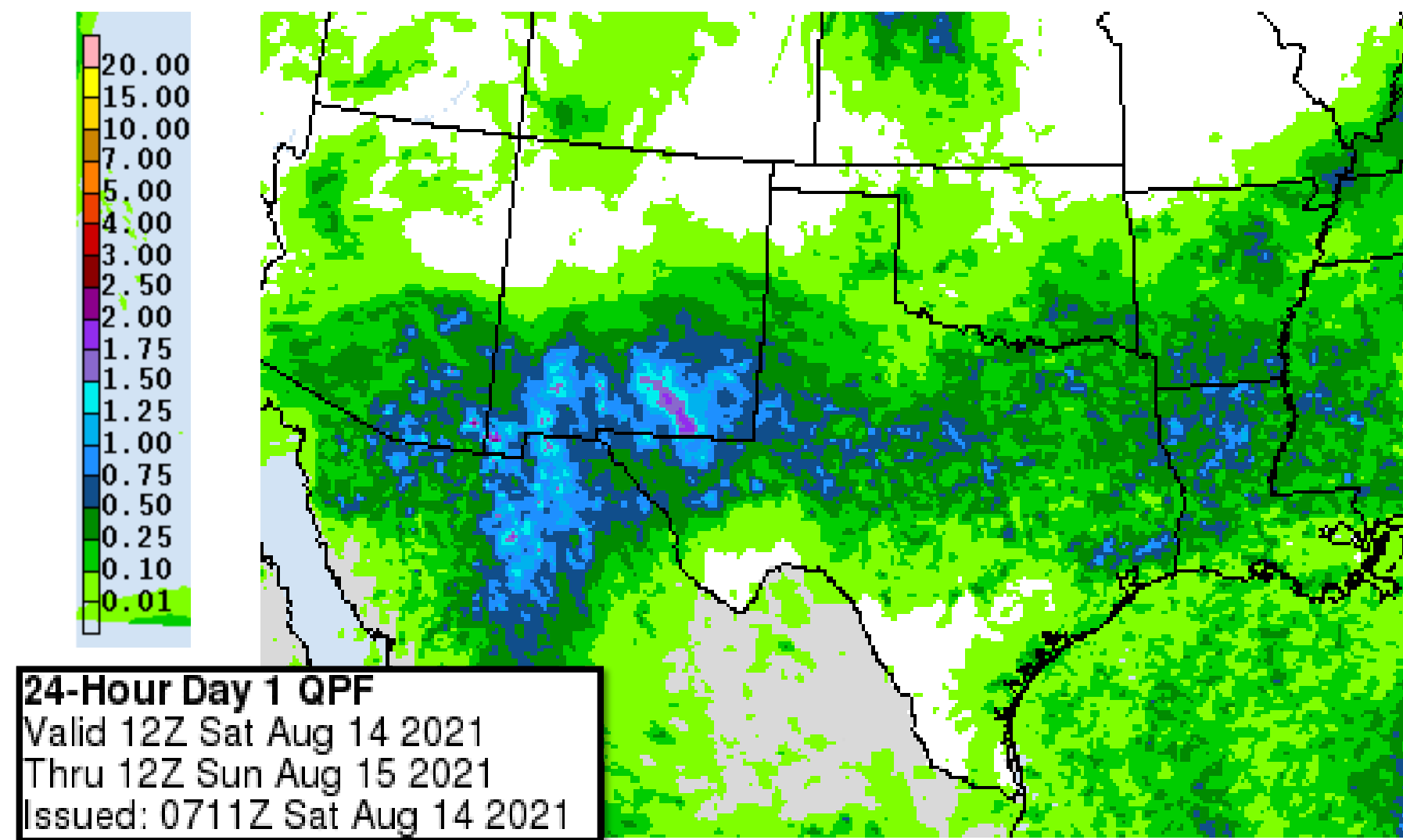


Today's Weather

Forecast Chart



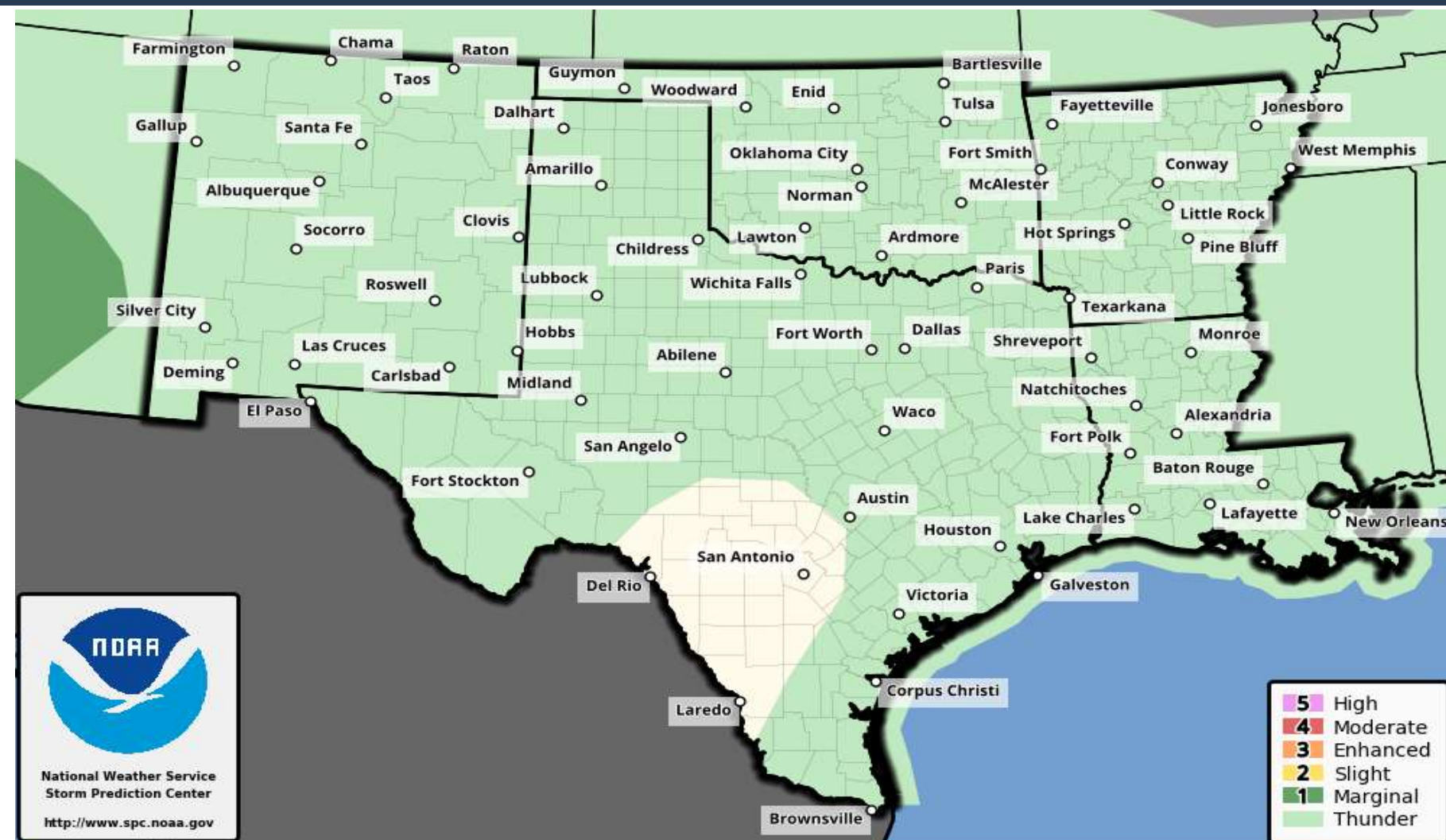
Forecast Rainfall



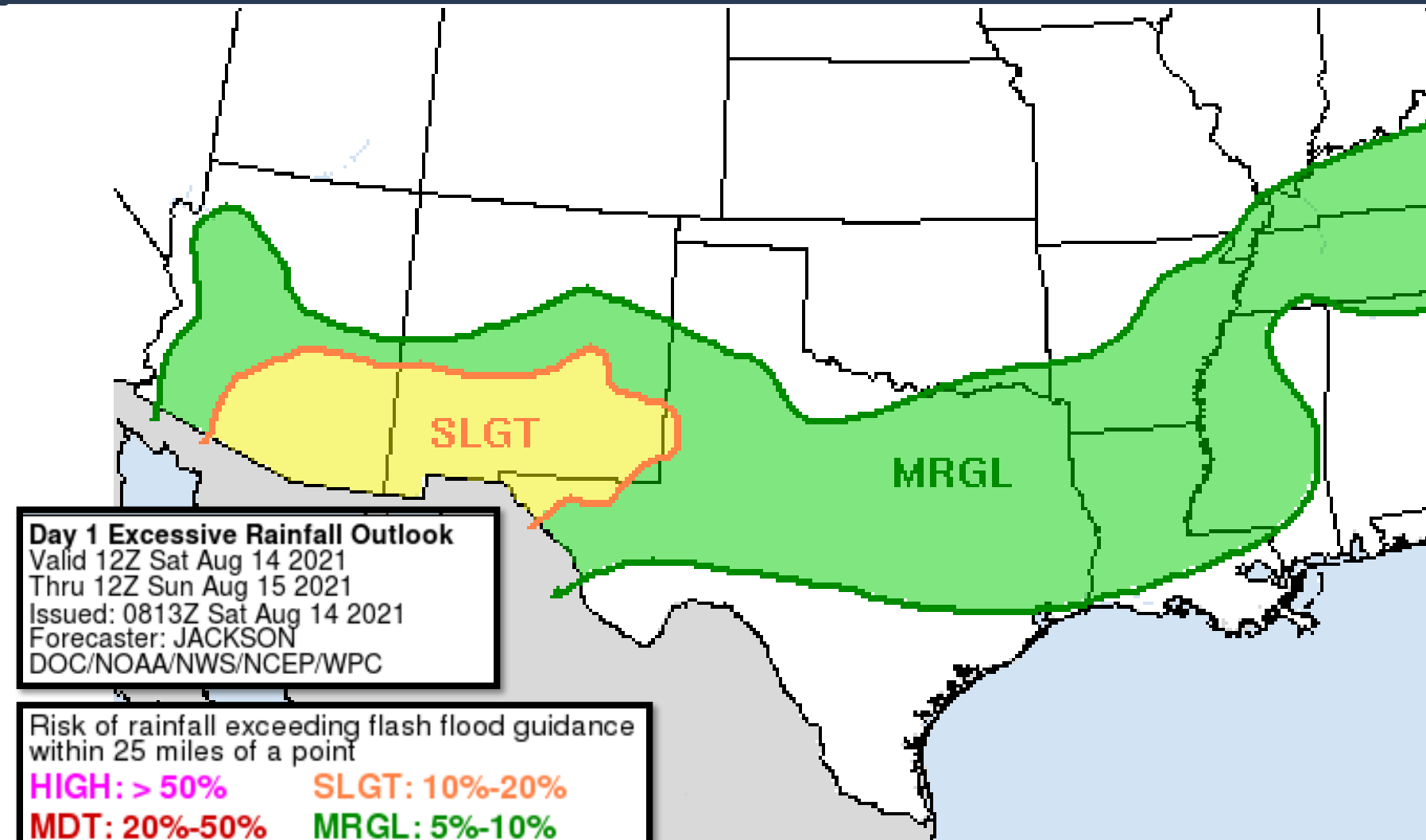
Heavy rain/flash flooding possible in S NM & Far W TX.

Isolated heavy rainfall possible across TX, AR, and LA.

Severe Weather Outlook



Excessive Rainfall Outlook



Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



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**Flash Flood Watches in effect
for S NM and Far West TX.**

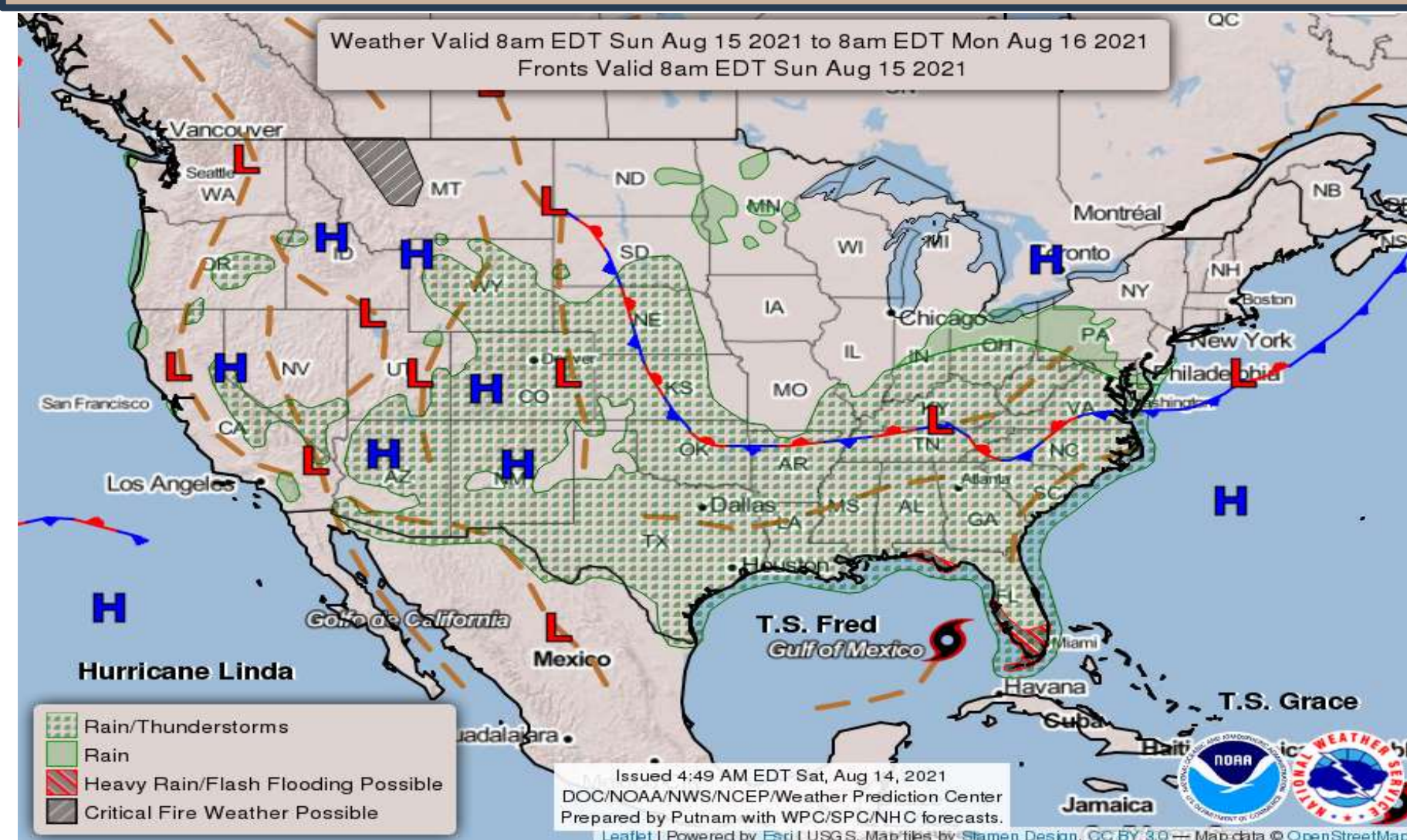


Tomorrow's Weather

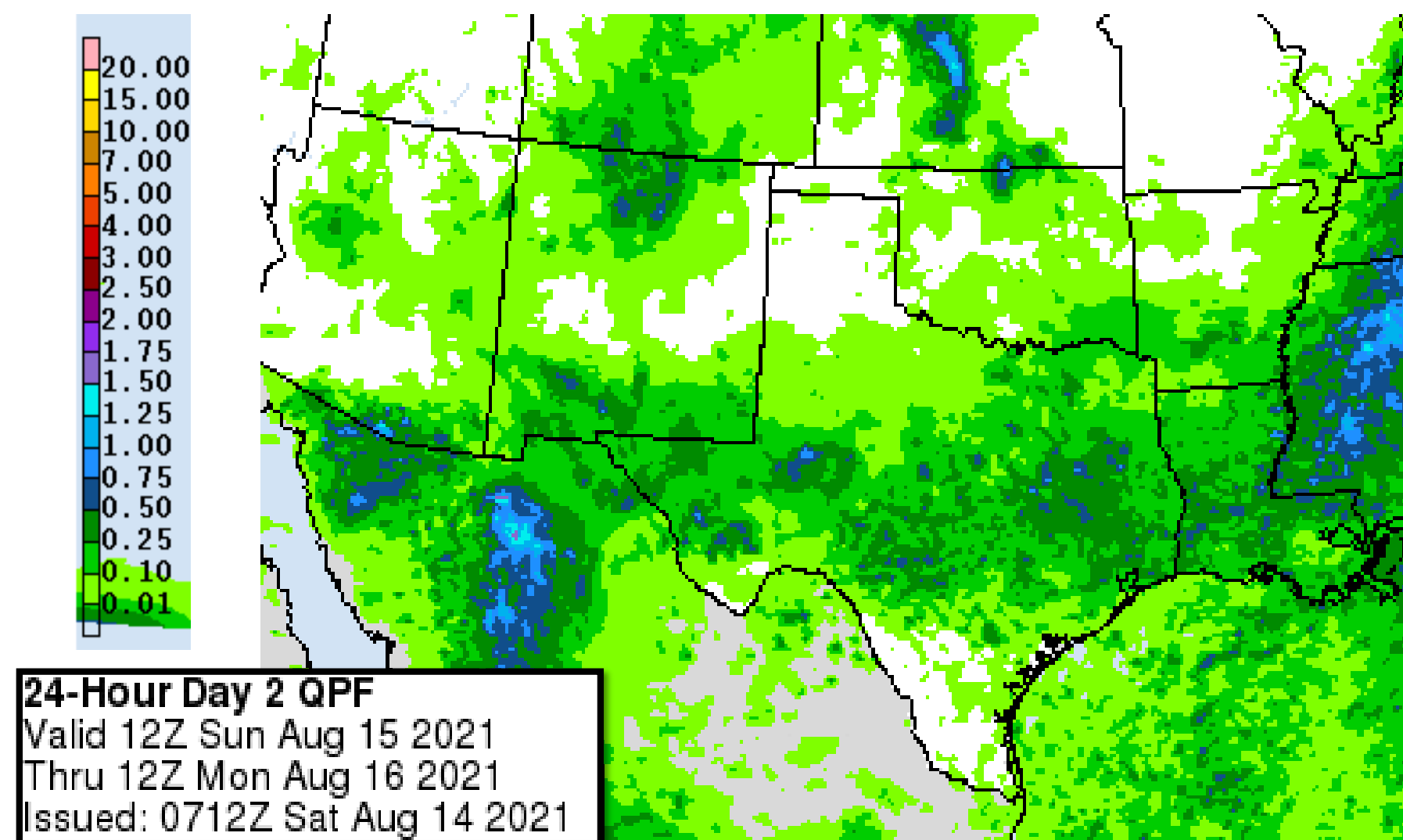


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Forecast Chart



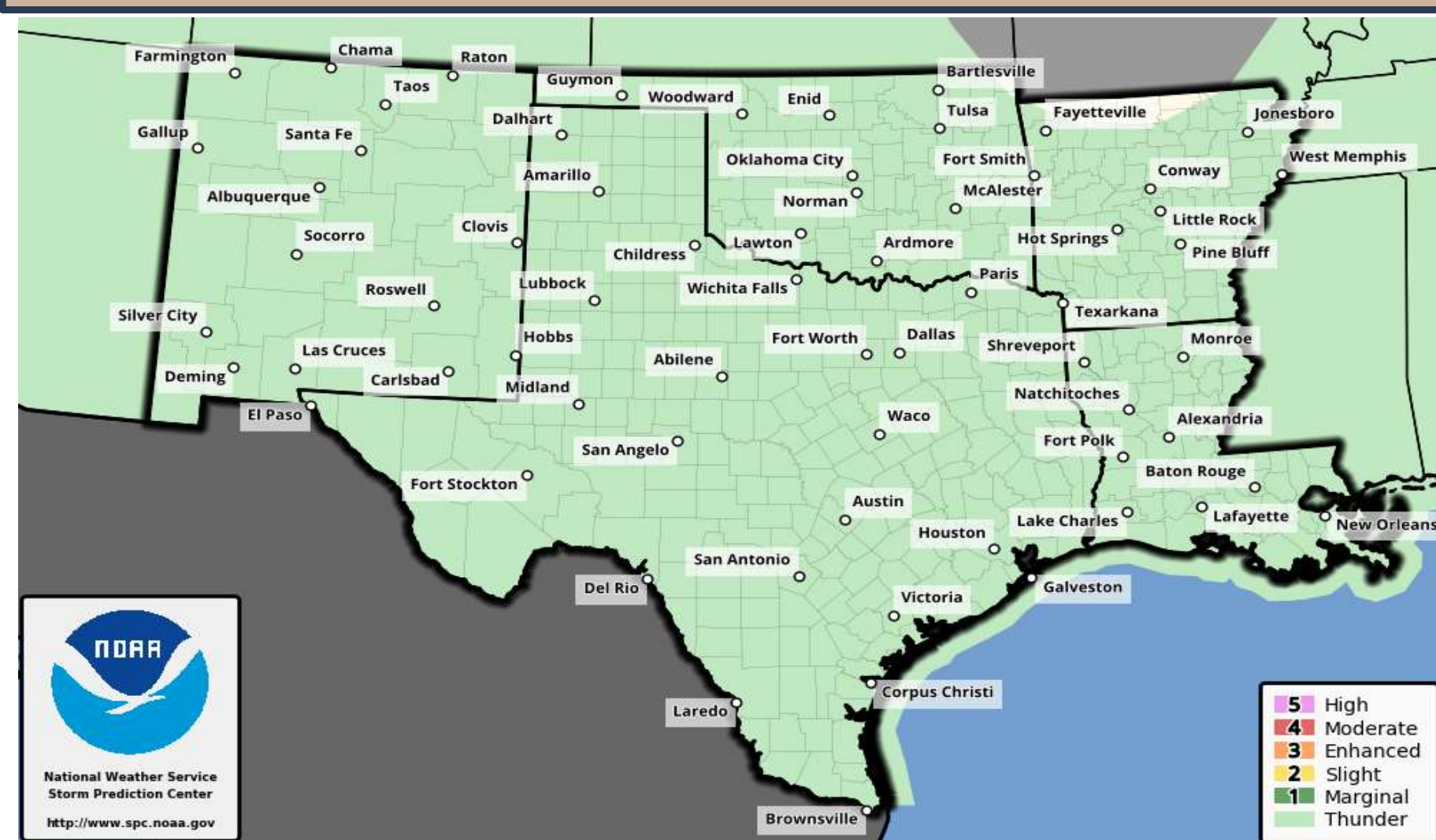
Forecast Rainfall



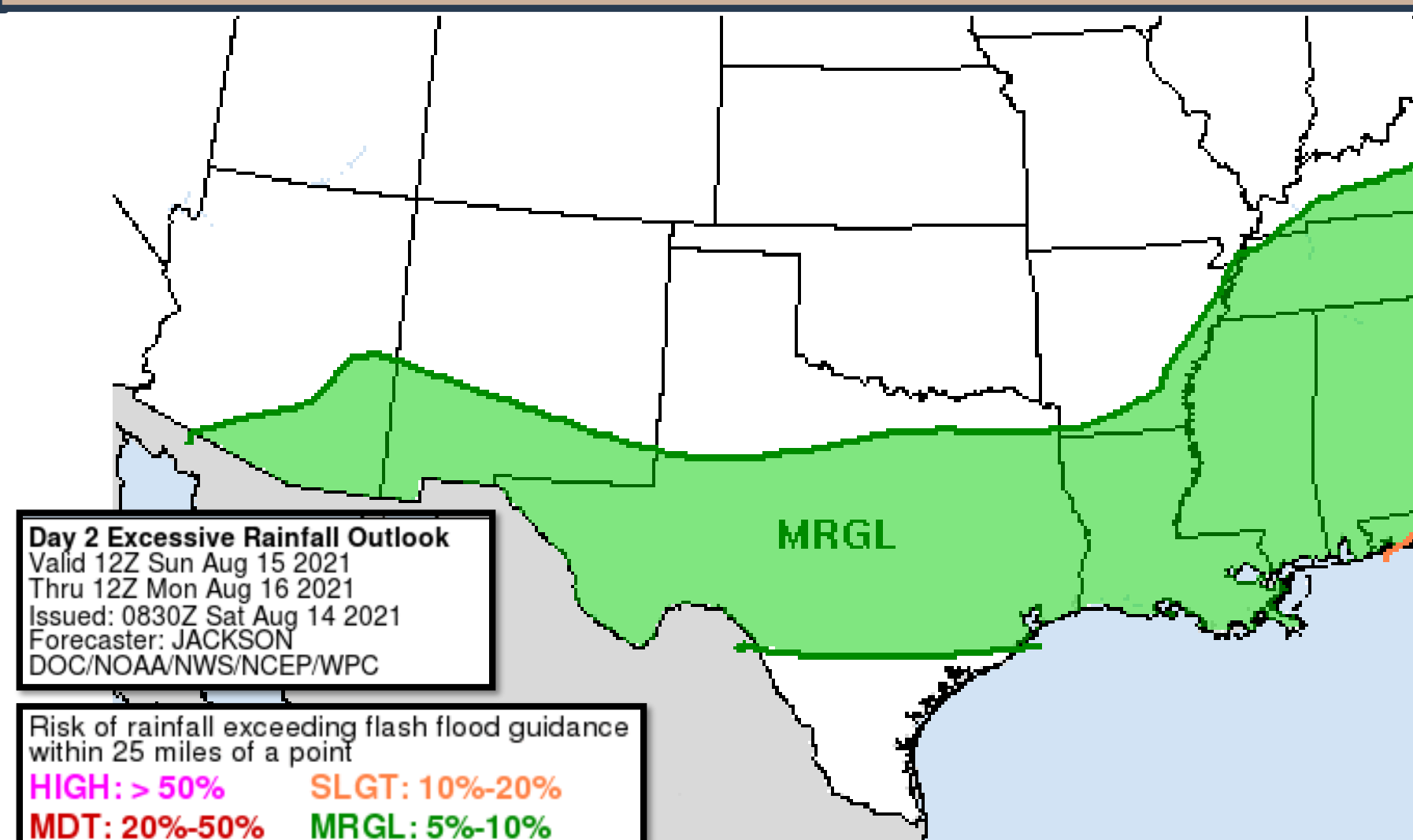
Isolated heavy rainfall and flash flooding possible across S NM, TX, S&E AR, and LA.

Wind Speed probabilities show that points in SE LA have the potential for seeing tropical storm force winds as early as late Sunday from Fred, but this is highly dependent on the eventual track.

Severe Weather Outlook

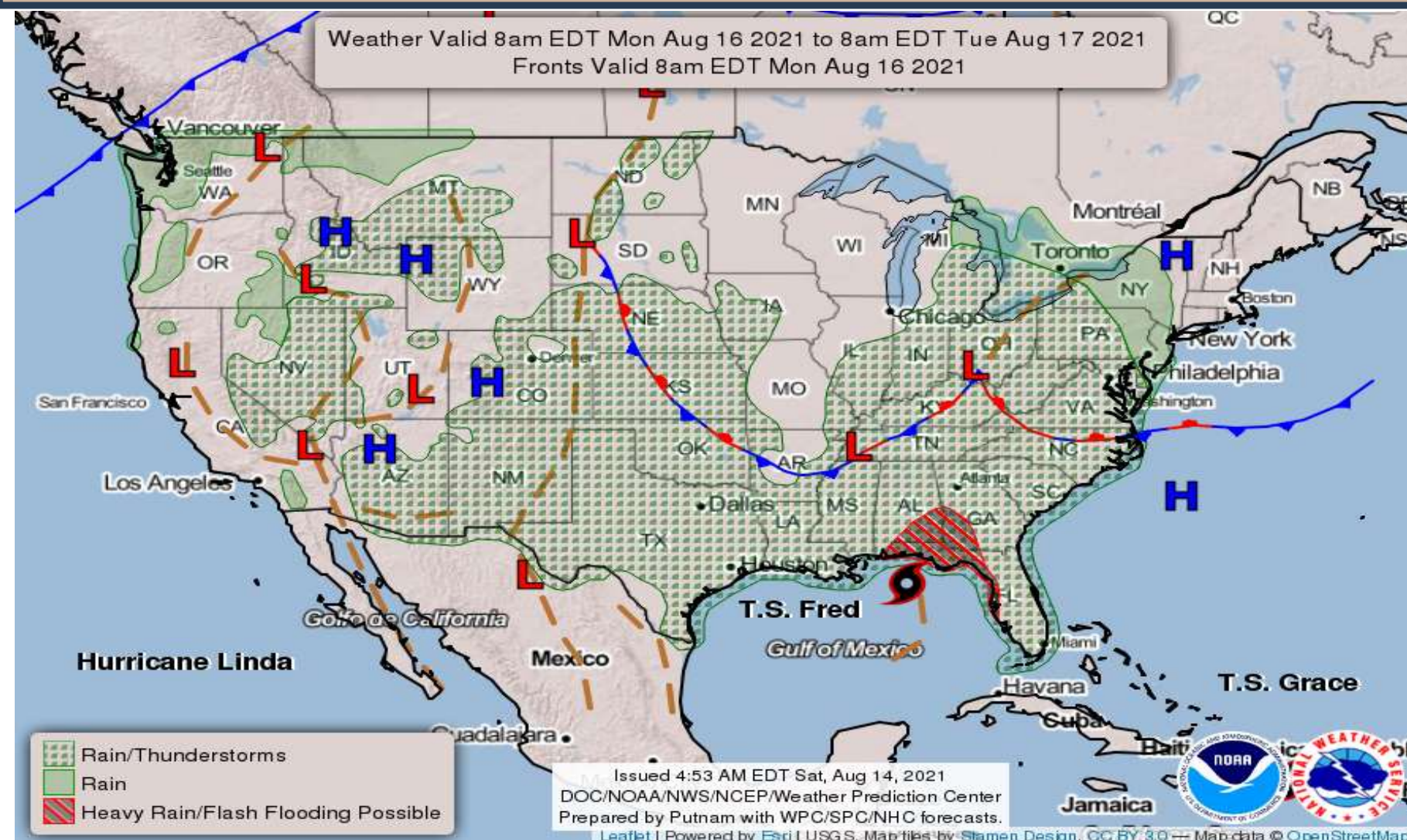


Excessive Rainfall Outlook

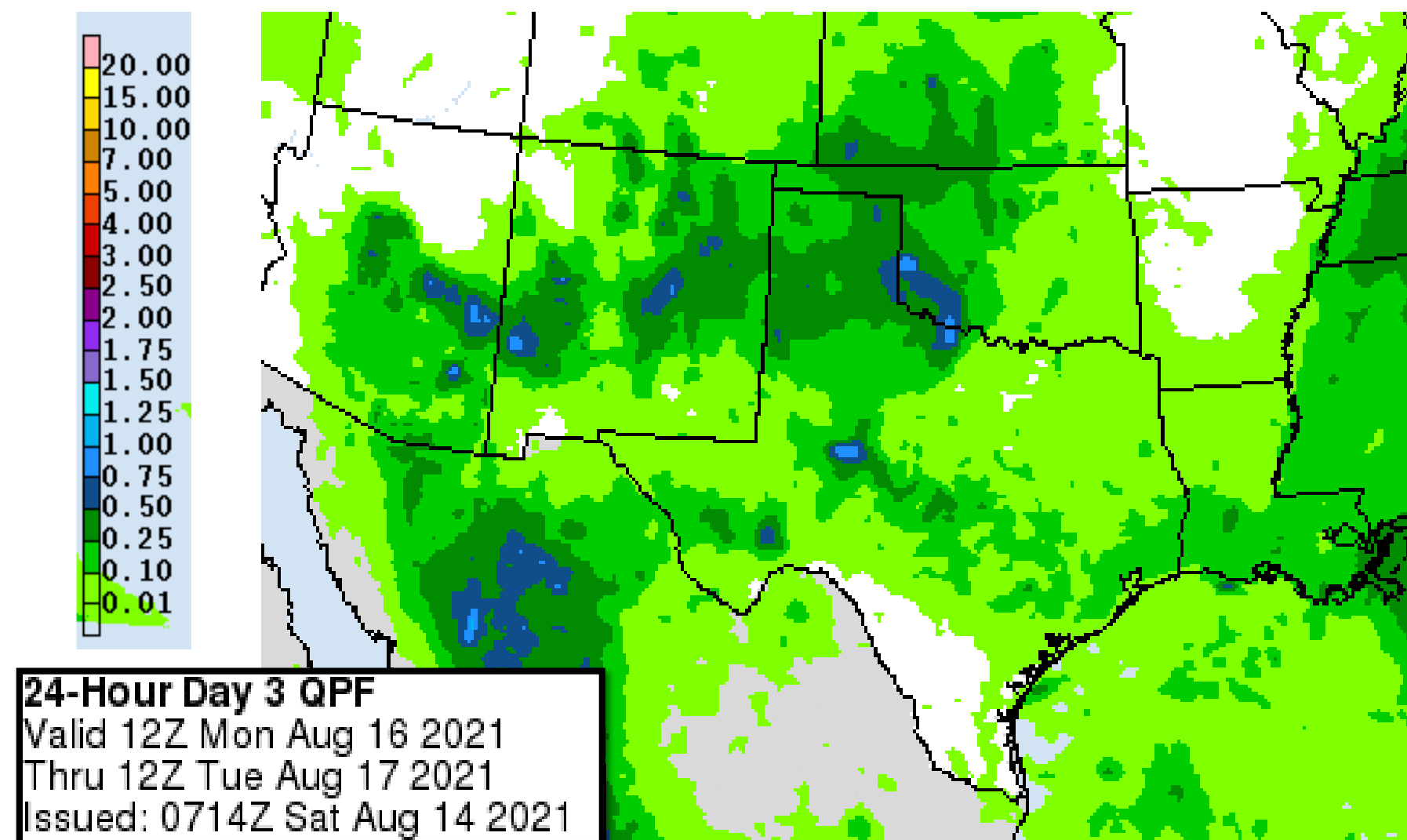


Monday's Weather

Forecast Chart



Forecast Rainfall



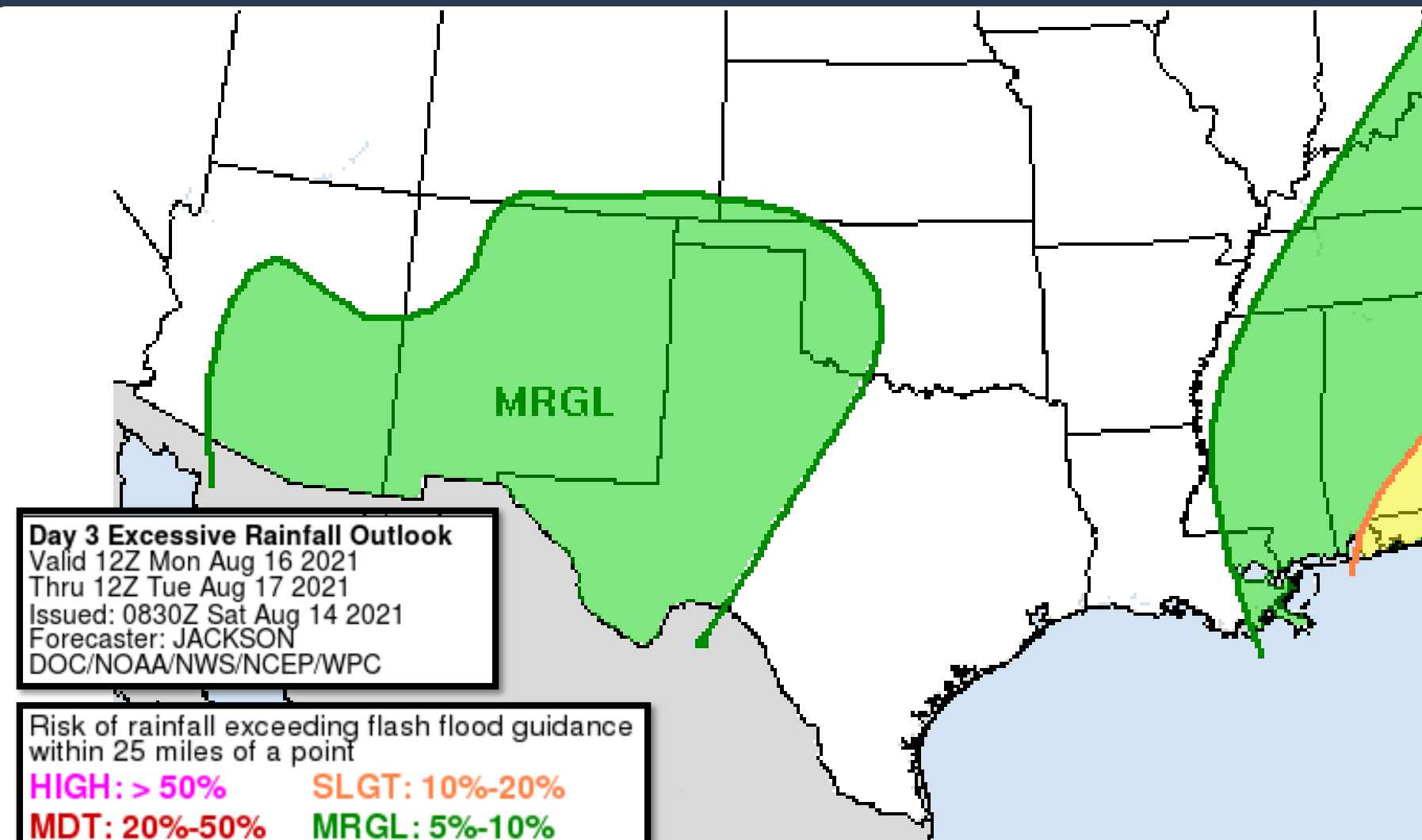
Isolated heavy rainfall and flash flooding possible across NM, W TX and W OK, as well as SE LA.

Wind Speed probabilities show that points in SE LA have the potential for seeing tropical storm force winds on Monday, but this is highly dependent on the eventual track of Fred.

Severe Weather Outlook



Excessive Rainfall Outlook



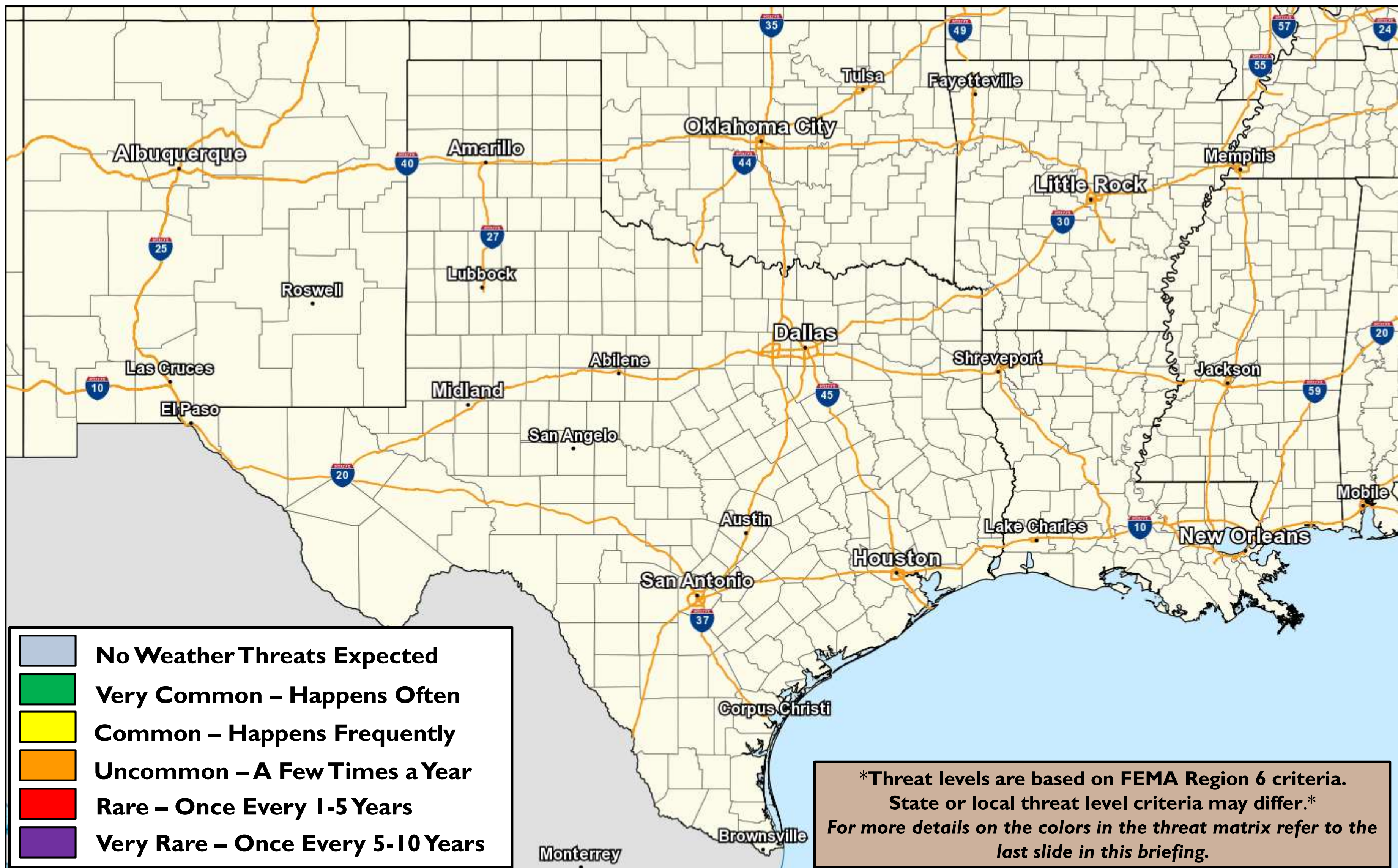
Days 4-5 Weather Hazards

Tuesday - Wednesday



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No significant weather
expected.

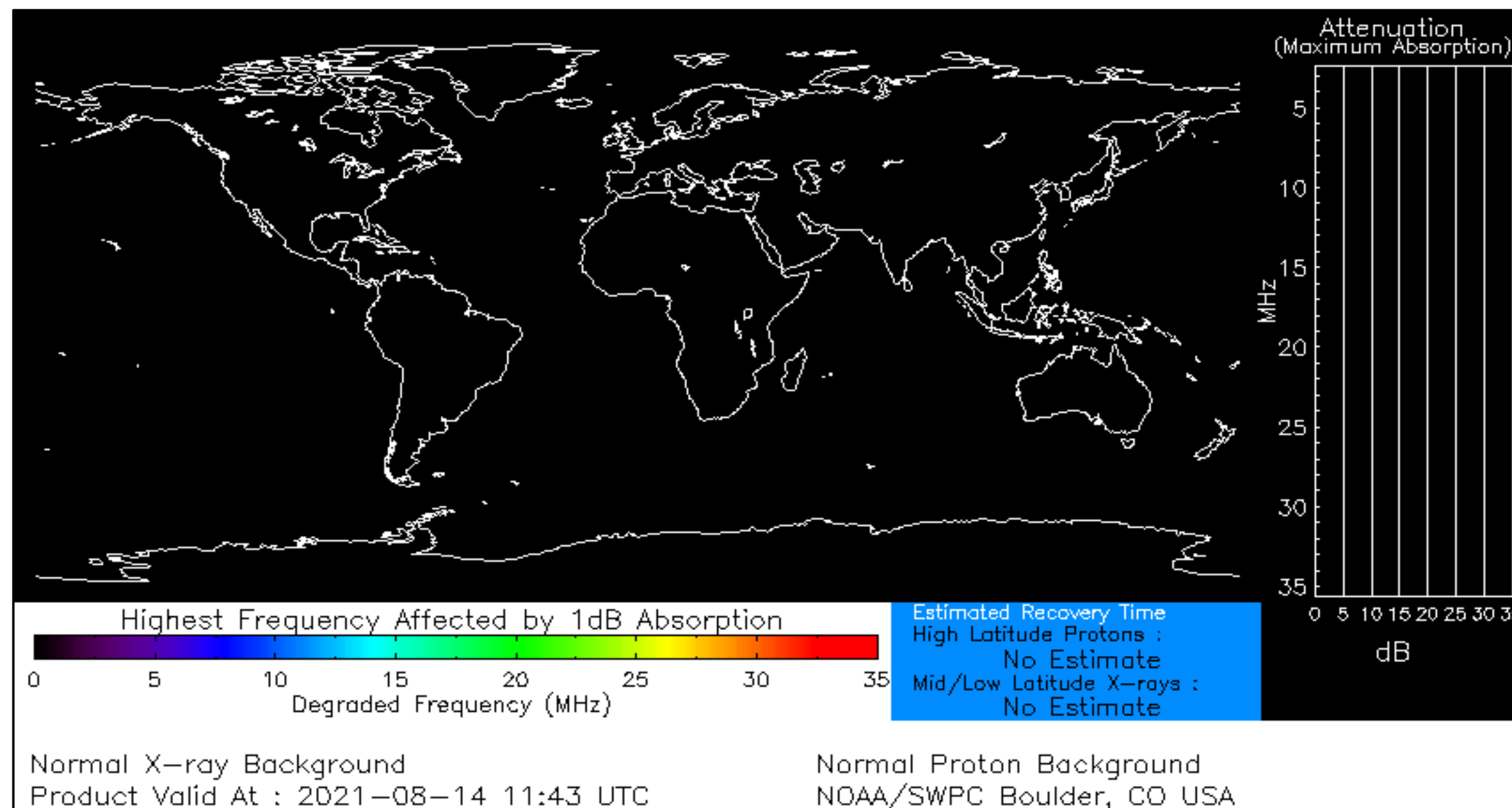


Space Weather 3-Day Forecast



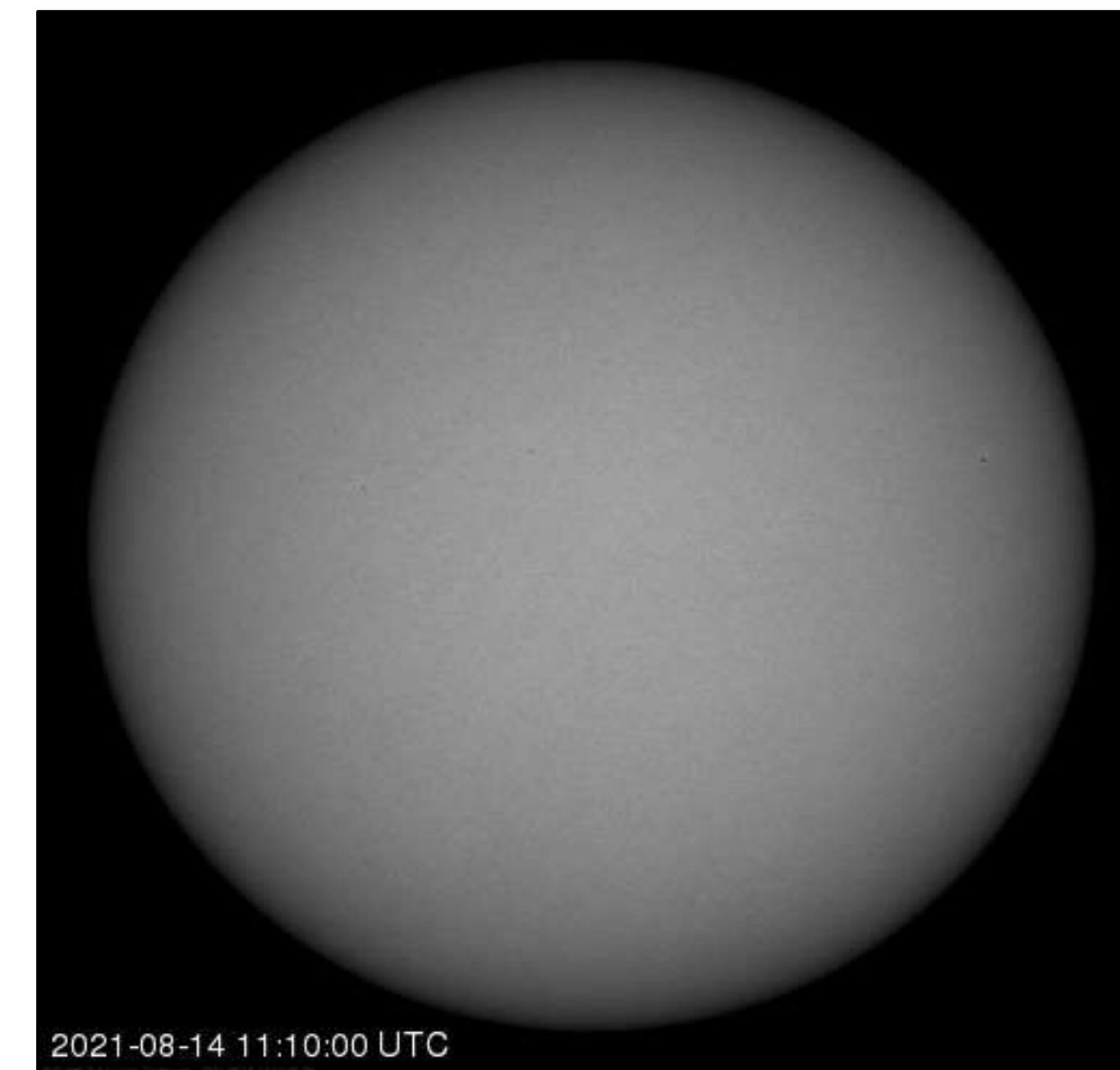
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	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov